

Mouse Osteomodulin (His Tag) recombinant protein



Catalog Number: 501399

General Information

Gene Name Synonym

Keratan sulfate proteoglycan osteomodulin;
Osteoadherin

Protein Construction

A DNA sequence encoding the mouse OMD (NP_036180.1) (Met 1-Ile 423) precursor was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 96 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 21

Molecular Mass

The secreted recombinant mouse OMD comprises 414 amino acids and has a calculated molecular mass of 48.8 kDa. The apparent molecular mass of the recombinant protein is approximately 60-70 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

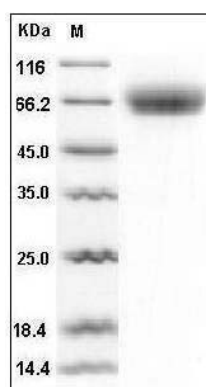
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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SDS-PAGE